



JPW

Practitioner's Docket No. 2002DE136

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Knop et al.

Application No.: 10/669,921

Group No.:

Filed: 9/24/2003

For: Flame-Retardant Thermoset Compositions

Commissioner for Patent

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

CERTIFICATION UNDER 37 C.F.R. Sections 1.8(a) and 1.10*
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Dear Sir:


In accordance with the duty of disclosure provisions of 37 CFR §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith).

1. ☒ Enclosures accompanying this Information Disclosure Statement are:
 - 1a. ☒ Form PTO-1449.
 - 1b. ☒ Copies of Information Disclosure Statement citations.
 - 1c. ☒ EPO Search Report for EP 03020514, mailed 11/4/03.
 - 1d. ☒ Copies of Co-pending U.S. Applications.
2. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(b) with the filing of the U.S. patent application. Accordingly, no fee or §1.97(e) Statement is required.
3. ☒ This Information Disclosure Statement is filed under 37 CFR §1.97(b) before the latter of three months after the U.S. patent application filing date or the first Office Action on the merits. Accordingly, no fee or §1.97(e) Statement is required.
4. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(c) after the first Office Action on the merits, but before a Final Office Action or a Notice of Allowance. The \$180.00 fee set forth in 37 CFR §1.17(p) in accordance with 37 CFR §1.97(c) is to be charged to Deposit Account No. 03-2060.
5. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(e) in that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. Accordingly, no fee is required.
6. ☐ This Information Disclosure Statement is filed in conjunction with a Request For Continued Examination. Accordingly, no fee or §1.97(e) Statement is required.

7. ☒ The English language documents identified by reference in the TRANSLATION Section of the foreign patents list of the attached 1449 Form are believed to be a concise statement, or the equivalent or substantial equivalent to the foreign language documents cited in the attached 1449 Form.
8. ☒ In addition to the documents cited, the Office's attention is directed to the following co-pending U.S. Application Serial Number(s), copies of which are attached for the convenience of the Office:
- a. Serial No. 10/625,281; filed 7/23/03; Schlosser et al.
 - b. Serial No. 10/655,886; filed 9/5/03; Sebastian et al..
 - c. Serial No. 10/656,313; filed 9/5/03; Bauer et al.
 - d. Serial No. 10/656,398; filed 9/5/03; Bauer et al.
 - e. Serial No. 10/656,406; filed 9/5/03; Bauer et al.
 - f. Serial No. 10/660,079; filed 9/11/03; Thewes et al.
 - g. Serial No. 10/669,973; filed 9/24/03; Knop et al.
 - h. Serial No. 10/669,483; filed 9/24/03; Knop et al.
9. ☒ The "Brandschutz" document discloses the addition of hollow gloss beads to polyester molding compositions.

Pages 490-497 of "Anorganische Chemie" discloses an overview of silicates.

Respectfully submitted,



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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	ATTY. DOCKET NO. 2002DE136	SERIAL NO. 10/669,921
	APPLICANT: Knop et al.	
	FILING DATE: 9/24/203	GROUP:

U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Issue Dte	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,853,424	8/1/89	Stacndeke et al.			
	AB	5,326,805	7/5/94	Sicken et al.			
	AC	6,547,992	4/15/03	Bernd et al.			
	AD	6,420,459	7/15/02	Sebastian			
	AE	6,013,707	1/11/00	Kleiner et al.			
	AE	5,780,534	7/14/98	Kliener et al.			
	AG						
	AH						
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	AT						
	AU						
	AV						
	AW						
	AX						
	AY						
	AZ						
	Al						
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

FOREIGN PATENT OR PUBLISHED FOREIGN APPLICATION							
		DOCUMENT NUMBER	PUB. DATE	COUNTRY			TRANSLATION
	BA	DE 2159757	6/7/73	Germany			See BL Below
	BB	DE 3728629	9/3/89	Germany			See AA above
	BC	EP 0584567	3/2/94	EPO			See AB above
	BD	EP 0699708	3/6/96	EPO			See CD below
	BE	EP 1024167	8/2/00	EPO			See AC above
	BF	EP 1024168	8/2/00	EPO			See AD above
	BG	PL 161333	6/17/91	Poland			See CF below
	BH	PL 159350	9/3/90	Poland			See CF below
	BI	DE 4430932	3/7/96	Germany			See AD above
	BJ	DE 2447727	4/8/76	Germany			See BM below
	BK	EP 0287293	10/19/88	EPO			English
	BL	GB 1414998	11/26/75	Great Britian			English
	BM	GB 1509739	5/4/78	Great Britian			English
	BN						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication**)

	CA	English Abstract for JP 57016017; 1/27/82
	CB	English Abstract for JP 55094918; 7/18/80
	CC	English Abstract for JP 05245838; 9/24/93
	CD	English Abstract for EP 0699708; 3/6/96
	CE	English Abstract for PL 161333; 6/17/91
	CF	English Abstract for PC 159350; 9/3/90
	CG	Staufer et al; "Brandschutz"; Kunststoffe 85 (1995) 4, pp. 533-538
	CH	Riedel, "Anorganische Chemie", 2 nd ed., pp 490-497, Walter de Gruyter, Berlin - New York 1990
	CI	Ullmann's Encyclopedia of Industrial Chemistry; "Glass", Chapter 2, 3 and 5; June 15, 2000.
	CJ	Ullmann's Encyclopedia of Industrial Chemistry, "Glass Ceramics", Chapter 1 through 4; June 15, 2000
	CK	Ullmann's Encyclopedia of Industrial Chemistry, Section 2.3 "Commercial Ceramic Clays"; June 15, 2000
EXAMINER		DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		